```
RCS file: /s6/cvsroot/euterpe/BOM, v
Working file: BOM
head: 5.105
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 1940; selected revisions: 15
description:
top level BOM
revision 3.866
date: 1995/06/23 02:32:52; author: tbr; state: Exp; lines: +2 -2
Release Target: euterpe/verilog/bsrc
consolidate routing congestion changes. latest base files. stop after
linesearch
revision 3.865
date: 1995/06/22 22:31:36; author: jeffm; state: Exp; lines: +2 -2
Release Target: euterpe/verify
     Makerules.local
Removed local rule for making .in files.
_____
revision 3.864
date: 1995/06/22 18:57:36; author: dickson; state: Exp; lines: +2 -2
Release Target: euterpe/verilog/bsrc/hc
avoid toplevel collisions
______
revision 3.863
date: 1995/06/22 18:56:21; author: dickson; state: Exp; lines: +2 -2
Release Target: euterpe/verilog/bsrc/rg
avoid toplevel collisions
______
revision 3.862
date: 1995/06/21 21:54:34; author: dickson; state: Exp; lines: +2 -2
Release Target: euterpe/verilog/bsrc/hc
placement change to avoid toplevel collisions
_____
revision 3.861
date: 1995/06/21 21:50:12; author: dickson; state: Exp; lines: +2 -2
Release Target: euterpe/verilog/bsrc/rg
placement change to avoid toplevel collisions
revision 3.860
date: 1995/06/21 20:52:29; author: dickson; state: Exp; lines: +2 -2
Release Target: euterpe/verilog/bsrc/cp
placement change to avoid toplevel collisions
_____
revision 3.859
```

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date: 1995/06/21 20:48:18; author: dickson; state: Exp; lines: +2 -2
Release Target: euterpe/verilog/bsrc/au
placement change to avoid toplevel collisions

revision 3.858

date: 1995/06/21 17:23:11; author: dickson; state: Exp; lines: +2 -2 Release Target: euterpe/verilog/bsrc/es

eliminate 64 wires in conjested area

revision 3.857

date: 1995/06/21 07:34:39; author: mws; state: Exp; lines: +2 -2 Release Target: euterpe/verilog/bsrc/uu

uu/uu.V: Single end many of the instU* and preemdInstU* busses on the bits already being forced fullswing by other logic or when halfswing loading seemed light enough to not make the power-up risk high. Rqstd by dickson. Explicitly called out vref_Oph in some concatenations so that old .pim works.

revision 3.856

date: 1995/06/20 23:56:15; author: dickson; state: Exp; lines: +2 -2 Release Target: euterpe/verilog/bsrc/rg

move lower data path section to the right to make room for es growth

revision 3.855

date: 1995/06/20 23:08:40; author: jeffm; state: Exp; lines: +2 -2
Release Target: euterpe/verify/toplevel

Make new tests available:

readdaemon scasdep cerbtotest hermtotest

revision 3.854

date: 1995/06/20 22:09:18; author: woody; state: Exp; lines: +2 -2
Release Target: euterpe/verilog/bsrc/hc

hc_brresp.pla, hc.h: Simplified event daemon prb processing since it was possible that the prb repsonse could be granted before ostate loaded the tag into the sid[7] tag register. This was noticed by standalone test gauntlet (CPUCLK=13, IOCLK=8). Saves ~70 hopper atoms (as reported by planet).

The result is that Event Daemon stores will take longer to release the nb entry. No placement change required.

Passed multiple standalone tests: gauntlet, termite, hexratio, evnt8

revision 3.853

date: 1995/06/20 05:19:06; author: woody; state: Exp; lines: +2 -2 Release Target: euterpe/verilog/bsrc/hc

Only allow tagen[7] when set is active to prevent writing event daemon tag with bogus value. Standalone test gauntlet detected problem.

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```
revision 3.852
date: 1995/06/20 00:01:23; author: jeffm; state: Exp; lines: +2 -2
Release Target: euterpe/verify/toplevel/hermes
Fix I1 versions of test
______
RCS file: /s6/cvsroot/euterpe/verify/BOM, v
Working file: verify/BOM
head: 12.34
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 404; selected revisions: 3
description:
_____
revision 4.189
date: 1995/06/22 22:31:16; author: jeffm; state: Exp; lines: +2 -2
Release Target: euterpe/verify
     Makerules.local
Removed local rule for making .in files.
_____
revision 4.188
date: 1995/06/20 23:08:18; author: jeffm; state: Exp; lines: +2 -2
Release Target: euterpe/verify/toplevel
Make new tests available:
     readdaemon
     scasdep
     cerbtotest
     hermtotest
_____
revision 4.187
date: 1995/06/20 00:01:02; author: jeffm; state: Exp; lines: +2 -2
Release Target: euterpe/verify/toplevel/hermes
Fix I1 versions of test
______
RCS file: /s6/cvsroot/euterpe/verify/Makerules.local,v
Working file: verify/Makerules.local
head: 3.16
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 16; selected revisions: 1
description:
_____
revision 3.13
date: 1995/06/22 22:30:23; author: jeffm; state: Exp; lines: +1 -7 Remove special rule for making .in files - the standard .in file
is ok.
```

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RCS file: /s6/cvsroot/euterpe/verify/obj/processor/inst/Makefile,v Working file: verify/obj/processor/inst/Makefile head: 1.182 branch: locks: strict access list: keyword substitution: kv total revisions: 182; selected revisions: 3 description: revision 1,169 date: 1995/06/20 22:57:32; author: jeffm; state: Exp; lines: +3 -3 Hermes and cerberus timeout machine check tests. Neither are able to be run on hwterp. cerbtotest causes one machine check hermtotest causes three machine checks _____ revision 1.168 date: 1995/06/20 21:07:04; author: jeffm; state: Exp; lines: +3 -2 Test that reading the event daemon is not destructive. Expect it to act like a normal load. _____ revision 1.167 date: 1995/06/20 20:37:19; author: jeffm; state: Exp; lines: +2 -2 Test register dependencies and compare and swap. ______ RCS file: /s6/cvsroot/euterpe/verify/perf/cerb perf.S,v Working file: verify/perf/cerb perf.S head: 1.7 branch: locks: strict access list: keyword substitution: kv total revisions: 7; selected revisions: 1 description: revision 1.5 date: 1995/06/21 18:31:13; author: claseman; state: Exp; lines: +15 -10 some fine tuning changes ______ RCS file: /s6/cvsroot/euterpe/verify/perf/perflog.srl,v Working file: verify/perf/perflog.srl head: 3.2 branch: locks: strict access list: keyword substitution: kv total revisions: 2; selected revisions: 1 description: _____ revision 3.1 date: 1995/06/22 23:01:02; author: jeffm; state: Exp;

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```
Standard log to analyse performance.
_______
RCS file: /s6/cvsroot/euterpe/verify/random/regdepend r4356.S,v
Working file: verify/random/regdepend r4356.S
head: 3.2
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 2; selected revisions: 1
description:
revision 3.1
date: 1995/06/20 14:18:21; author: dit00; state: Exp;
New test, ran ok
______
RCS file: /s6/cvsroot/euterpe/verify/random/regdepend r4552.S,v
Working file: verify/random/regdepend r4552.S
head: 3.2
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 2; selected revisions: 1
description:
_____
revision 3.1
date: 1995/06/19 16:52:48; author: dit00; state: Exp;
Add new test, ran ok
______
RCS file: /s6/cvsroot/euterpe/verify/random/regdepend r4752.S,v
Working file: verify/random/regdepend r4752.S
head: 3.2
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 2; selected revisions: 1
description:
revision 3.1
date: 1995/06/19 16:53:23; author: dit00; state: Exp;
Add new test, ran ok
______
RCS file: /s6/cvsroot/euterpe/verify/random/regdepend_r4951.S,v
Working file: verify/random/regdepend r4951.S
head: 3.2
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 2; selected revisions: 1
description:
```

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```
revision 3.1
date: 1995/06/19 16:53:57; author: dit00; state: Exp;
Add new test, ran ok
              RCS file: /s6/cvsroot/euterpe/verify/random/regdepend r5152.S,v
Working file: verify/random/regdepend r5152.S
head: 3.2
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 2; selected revisions: 1
description:
revision 3.1
date: 1995/06/19 16:54:33; author: dit00; state: Exp;
Add new test, ran ok
______
RCS file: /s6/cvsroot/euterpe/verify/random/regdepend_r5352.S,v
Working file: verify/random/regdepend r5352.S
head: 3.2
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 2; selected revisions: 1
description:
revision 3.1
date: 1995/06/19 16:54:51; author: dit00; state: Exp;
Add new test, ran ok
______
RCS file: /s6/cvsroot/euterpe/verify/standalone/hc/nbhc drive.V,v
Working file: verify/standalone/hc/nbhc drive.V
head: 1.55
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 55; selected revisions: 1
description:
-----
revision 1.53
date: 1995/06/20 21:46:49; author: brian; state: Exp; lines: +17 -16
Changed output pbb/prb output format.
______
RCS file: /s6/cvsroot/euterpe/verify/standalone/hc/parseout,v
Working file: verify/standalone/hc/parseout
head: 7.4
branch:
locks: strict
access list:
```

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```
keyword substitution: kv
total revisions: 4; selected revisions: 1
description:
revision 7.4
date: 1995/06/20 21:46:52; author: brian; state: Exp; lines: +3 -3
Changed output pbb/prb output format.
______
RCS file: /s6/cvsroot/euterpe/verify/standalone/hc/termite2.vec,v
Working file: verify/standalone/hc/termite2.vec
head: 10.2
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 2; selected revisions: 2
description:
-----
revision 10.2
date: 1995/06/20 21:46:54; author: brian; state: Exp; lines: +13 -209
Changed output pbb/prb output format.
revision 10.1
date: 1995/06/19 18:20:48; author: brian; state: Exp;
Trying to hit a version of the bug.
______
RCS file: /s6/cvsroot/euterpe/verify/standalone/io/verdrive.V,v
Working file: verify/standalone/io/verdrive.V
head: 1.15
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 15; selected revisions: 1
description:
revision 1.15
date: 1995/06/21 23:28:12; author: brian; state: Exp; lines: +3 -2
Updated driver for hcdisOUT and differential reset.
RCS file: /s6/cvsroot/euterpe/verify/toplevel/BOM,v
Working file: verify/toplevel/BOM
head: 44.1
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 132; selected revisions: 3
description:
releasebom adding BOM
revision 40.0
date: 1995/06/20 23:08:05; author: jeffm; state: Exp; lines: +1 -1
Release Target: euterpe/verify/toplevel
```

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```
Make new tests available:
     readdaemon
     scasdep
     cerbtotest
     hermtotest
revision 39.43
date: 1995/06/20 23:07:56; author: jeffm; state: Exp; lines: +20 -37
releasebom: File needs to be up-to-date to use commit -r
revision 39.42
date: 1995/06/20 00:00:49; author: jeffm; state: Exp; lines: +2 -2
Release Target: euterpe/verify/toplevel/hermes
Fix I1 versions of test
______
RCS file: /s6/cvsroot/euterpe/verify/toplevel/Makefile,v
Working file: verify/toplevel/Makefile
head: 1.185
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 185; selected revisions: 3
description:
_____
revision 1.169
date: 1995/06/20 22:57:32; author: jeffm; state: Exp; lines: +3 -3
Hermes and cerberus timeout machine check tests. Neither are able
to be run on hwterp.
cerbtotest causes one machine check
hermtotest causes three machine checks
_____
revision 1.168
date: 1995/06/20 21:07:04; author: jeffm; state: Exp; lines: +3 -2
Test that reading the event daemon is not destructive. Expect it to
act like a normal load.
revision 1.167
date: 1995/06/20 20:37:19; author: jeffm; state: Exp; lines: +2 -2
Test register dependencies and compare and swap.
______
RCS file: /s6/cvsroot/euterpe/verify/toplevel/cerbtotest.S,v
Working file: verify/toplevel/cerbtotest.S
head: 39.2
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 2; selected revisions: 1
description:
_____
```

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```
revision 39.1
date: 1995/06/20 22:57:29; author: jeffm; state: Exp;
Hermes and cerberus timeout machine check tests. Neither are able
to be run on hwterp.
cerbtotest causes one machine check
hermtotest causes three machine checks
______
RCS file: /s6/cvsroot/euterpe/verify/toplevel/hermtotest.S,v
Working file: verify/toplevel/hermtotest.S
head: 39.5
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 5; selected revisions: 1
description:
_____
revision 39.1
date: 1995/06/20 22:57:25; author: jeffm; state: Exp;
Hermes and cerberus timeout machine check tests. Neither are able
to be run on hwterp.
cerbtotest causes one machine check
hermtotest causes three machine checks
______
RCS file: /s6/cvsroot/euterpe/verify/toplevel/hermtotest.hconfig,v
Working file: verify/toplevel/hermtotest.hconfig
head: 39.1
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 1; selected revisions: 1
description:
revision 39.1
date: 1995/06/20 22:57:22; author: jeffm; state: Exp;
Hermes and cerberus timeout machine check tests. Neither are able
to be run on hwterp.
cerbtotest causes one machine check
hermtotest causes three machine checks
______
RCS file: /s6/cvsroot/euterpe/verify/toplevel/readdaemon.S,v
Working file: verify/toplevel/readdaemon.S
head: 39.1
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 1; selected revisions: 1
description:
_____
```

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```
revision 39.1
date: 1995/06/20 21:07:08; author: jeffm; state: Exp;
Test that reading the event daemon is not destructive. Expect it to
act like a normal load.
_____
RCS file: /s6/cvsroot/euterpe/verify/toplevel/scasdep.S,v
Working file: verify/toplevel/scasdep.S
head: 39.1
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 1; selected revisions: 1
description:
revision 39.1
date: 1995/06/20 20:37:21; author: jeffm; state: Exp;
Test register dependencies and compare and swap.
______
RCS file: /s6/cvsroot/euterpe/verify/toplevel/hermes/BOM, v
Working file: verify/toplevel/hermes/BOM
head: 12.0
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 22; selected revisions: 2
description:
releasebom adding BOM
______
revision 11.0
date: 1995/06/20 00:00:37; author: jeffm; state: Exp; lines: +1 -1
Release Target: euterpe/verify/toplevel/hermes
Fix I1 versions of test
revision 10.1
date: 1995/06/20 00:00:27; author: jeffm; state: Exp; lines: +2 -2
releasebom: File needs to be up-to-date to use commit -r
_____
RCS file: /s6/cvsroot/euterpe/verify/toplevel/hermes/hermestest.S,v
Working file: verify/toplevel/hermes/hermestest.S
head: 1.8
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 8; selected revisions: 1
description:
date: 1995/06/19 23:59:37; author: jeffm; state: Exp; lines: +18 -18
Initialize all tag entries - uninit'd tags causing I1 versions
of test to fail.
```

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```
RCS file: /s6/cvsroot/euterpe/verilog/BOM, v
Working file: verilog/BOM
head: 6.9
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 1390; selected revisions: 12
description:
top level verilog BOM
revision 3.640
date: 1995/06/23 02:32:34; author: tbr; state: Exp; lines: +2 -2
Release Target: euterpe/verilog/bsrc
consolidate routing congestion changes, latest base files, stop after
linesearch
_____
revision 3.639
date: 1995/06/22 18:57:15; author: dickson; state: Exp; lines: +2 -2
Release Target: euterpe/verilog/bsrc/hc
avoid toplevel collisions
_____
revision 3.638
date: 1995/06/22 18:55:59; author: dickson; state: Exp; lines: +2 -2
Release Target: euterpe/verilog/bsrc/rg
avoid toplevel collisions
revision 3,637
date: 1995/06/21 21:54:14; author: dickson; state: Exp; lines: +2 -2
Release Target: euterpe/verilog/bsrc/hc
placement change to avoid toplevel collisions
 -----
revision 3,636
date: 1995/06/21 21:49:47; author: dickson; state: Exp; lines: +2 -2
Release Target: euterpe/verilog/bsrc/rq
placement change to avoid toplevel collisions
revision 3,635
date: 1995/06/21 20:52:06; author: dickson; state: Exp; lines: +2 -2
Release Target: euterpe/verilog/bsrc/cp
placement change to avoid toplevel collisions
revision 3,634
date: 1995/06/21 20:47:56; author: dickson; state: Exp; lines: +2 -2
Release Target: euterpe/verilog/bsrc/au
placement change to avoid toplevel collisions
______
revision 3.633
```

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date: 1995/06/21 17:22:55; author: dickson; state: Exp; lines: +2 -2

Release Target: euterpe/verilog/bsrc/es

eliminate 64 wires in conjested area

revision 3,632

date: 1995/06/21 07:34:21; author: mws; state: Exp; lines: +2 -2

Release Target: euterpe/verilog/bsrc/uu

uu/uu.V: Single end many of the instU* and preemdInstU* busses on the bits already being forced fullswing by other logic or when halfswing loading seemed light enough to not make the power-up risk high. Rqstd by dickson. Explicitly called out vref_Oph in some concatenations so that old .pim works.

revision 3.631

date: 1995/06/20 23:55:52; author: dickson; state: Exp; lines: +2 -2

Release Target: euterpe/verilog/bsrc/rg

move lower data path section to the right to make room for es growth

revision 3.630

date: 1995/06/20 22:08:53; author: woody; state: Exp; lines: +2 -2

Release Target: euterpe/verilog/bsrc/hc

hc_brresp.pla, hc.h: Simplified event daemon prb processing since it was possible that the prb repsonse could be granted before ostate loaded the tag into the sid[7] tag register. This was noticed by standalone test gauntlet (CPUCLK=13, IOCLK=8). Saves ~70 hopper atoms (as reported by planet).

The result is that Event Daemon stores will take longer to release the nb entry. No placement change required.

Passed multiple standalone tests: gauntlet, termite, hexratio, evnt8

revision 3.629

date: 1995/06/20 05:18:49; author: woody; state: Exp; lines: +2 -2

Release Target: euterpe/verilog/bsrc/hc

Only allow tagen[7] when set is active to prevent writing event daemon tag with bogus value. Standalone test gauntlet detected problem.

RCS file: /s6/cvsroot/euterpe/verilog/bsrc/BOM, v

Working file: verilog/bsrc/BOM

head: 346.6 branch:

locks: strict access list:

keyword substitution: kv

total revisions: 1737; selected revisions: 13

description:

revision 324.0

date: 1995/06/23 02:32:15; author: tbr; state: Exp; lines: +1 -1

Release Target: euterpe/verilog/bsrc

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consolidate routing congestion changes. latest base files. stop after linesearch revision 323,12 date: 1995/06/23 02:32:02; author: tbr; state: Exp; lines: +14 -14 releasebom: File needs to be up-to-date to use commit -r revision 323.11 date: 1995/06/22 18:56:56; author: dickson; state: Exp; lines: +2 -2 Release Target: euterpe/verilog/bsrc/hc avoid toplevel collisions revision 323.10 date: 1995/06/22 18:55:36; author: dickson; state: Exp; lines: +2 -2 Release Target: euterpe/verilog/bsrc/rg avoid toplevel collisions ----revision 323.9 date: 1995/06/21 21:53:54; author: dickson; state: Exp; lines: +2 -2 Release Target: euterpe/verilog/bsrc/hc placement change to avoid toplevel collisions _____ revision 323.8 date: 1995/06/21 21:49:27; author: dickson; state: Exp; lines: +2 -2 Release Target: euterpe/verilog/bsrc/rg placement change to avoid toplevel collisions ----revision 323.7 date: 1995/06/21 20:51:45; author: dickson; state: Exp; lines: +2 -2 Release Target: euterpe/verilog/bsrc/cp placement change to avoid toplevel collisions ----revision 323.6 date: 1995/06/21 20:47:38; author: dickson; state: Exp; lines: +2 -2 Release Target: euterpe/verilog/bsrc/au placement change to avoid toplevel collisions revision 323.5 date: 1995/06/21 17:22:41; author: dickson; state: Exp; lines: +2 -2 Release Target: euterpe/verilog/bsrc/es eliminate 64 wires in conjested area revision 323.4 date: 1995/06/21 07:34:04; author: mws; state: Exp; lines: +2 -2 Release Target: euterpe/verilog/bsrc/uu uu/uu.V: Single end many of the instU* and preemdInstU* busses on the bits already being forced fullswing by other logic or when halfswing loading seemed light enough to not make the power-up risk high. Rqstd by dickson. Explicitly called out vref_Oph in some concatenations so that old .pim works.

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```
revision 323.3
date: 1995/06/20 23:55:32; author: dickson; state: Exp; lines: +2 -2
Release Target: euterpe/verilog/bsrc/rg
move lower data path section to the right to make room for es growth
_____
revision 323.2
date: 1995/06/20 22:08:27; author: woody; state: Exp; lines: +2 -2
Release Target: euterpe/verilog/bsrc/hc
hc brresp.pla, hc.h: Simplified event daemon prb processing since it was
possible that the prb repsonse could be granted before ostate loaded the tag
into the sid[7] tag register. This was noticed by standalone test gauntlet
(CPUCLK=13, IOCLK=8). Saves ~70 hopper atoms (as reported by planet).
The result is that Event Daemon stores will take longer to release the nb entry.
No placement change required.
Passed multiple standalone tests: gauntlet, termite, hexratio, evnt8
revision 323.1
date: 1995/06/20 05:18:34; author: woody; state: Exp; lines: +2 -2
Release Target: euterpe/verilog/bsrc/hc
Only allow tagen [7] when set is active to prevent writing event daemon tag with
bogus value. Standalone test gauntlet detected problem.
______
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/Makefile.tst,v
Working file: verilog/bsrc/Makefile.tst
head: 40.104
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 104; selected revisions: 1
description:
revision 40.85
date: 1995/06/19 05:55:35; author: tbr; state: Exp; lines: +7 -7
slight tweak to all.net ordering function
______
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/chip euterpe-base.netcap,v
Working file: verilog/bsrc/chip euterpe-base.netcap
head: 312.20
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 20; selected revisions: 1
description:
revision 312.3
date: 1995/06/23 02:13:32; author: tbr; state: Exp; lines: +17108 -17318
latest base files. stop after linesearch
```

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```
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/chip euterpe-base.nof,v
Working file: verilog/bsrc/chip euterpe-base.nof
head: 307.11
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 11; selected revisions: 1
description:
revision 307.6
date: 1995/06/23 02:17:17; author: tbr; state: Exp; lines: +88303 -88370
latest base files. stop after linesearch
______
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/chip euterpe-base.pim,v
Working file: verilog/bsrc/chip_euterpe-base.pim
head: 312.23
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 23; selected revisions: 1
description:
_____
revision 312.3
date: 1995/06/23 02:20:40; author: tbr; state: Exp; lines: +2848 -2681
latest base files. stop after linesearch
______
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/chip euterpe-base.strength,v
Working file: verilog/bsrc/chip euterpe-base.strength
head: 312.20
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 20; selected revisions: 1
description:
revision 312.3
date: 1995/06/23 02:21:42; author: tbr; state: Exp; lines: +2213 -2106
latest base files. stop after linesearch
______
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/chip euterpe-base.xrf,v
Working file: verilog/bsrc/chip euterpe-base.xrf
head: 307.11
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 11; selected revisions: 1
description:
_____
```

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```
revision 307.6
date: 1995/06/23 02:23:01; author: tbr; state: Exp; lines: +52099 -52153
latest base files. stop after linesearch
______
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/euterpe.V,v
Working file: verilog/bsrc/euterpe.V
head: 6.431
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 431; selected revisions: 1
description:
_____
revision 6.426
date: 1995/06/19 18:23:11; author: dickson; state: Exp; lines: +10 -7
single ended return snake bus path from cp to qt. this saves 32 vertical
wires in cp and 32 wires into gt from cp.
also saved 98 wires from cp to cerberus for snake bus wdata data and
address. vref generators were adedd to cp to accomplish this.
______
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/euterpe.status,v
Working file: verilog/bsrc/euterpe.status
head: 24.83
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 83; selected revisions: 1
description:
revision 24.75
date: 1995/06/19 18:26:19; author: billz; state: Exp; lines: +3 -1
Noted there's a bug in DR/DRIO for ratio=4 (ratiom1=3).
______
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/padtiles.ercf,v
Working file: verilog/bsrc/padtiles.ercf
head: 168.8
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 8; selected revisions: 2
description:
______
revision 168.6
date: 1995/06/23 02:24:19; author: tbr; state: Exp; lines: +9 -9
latest base files. stop after linesearch
_____
revision 168.5
date: 1995/06/19 05:44:05; author: tbr; state: Exp; lines: +1 -1
take all.net file in order given
______
```

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```
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/au/BOM,v
Working file: verilog/bsrc/au/BOM
head: 44.0
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 89; selected revisions: 2
description:
revision 44.0
date: 1995/06/21 20:47:16; author: dickson; state: Exp; lines: +1 -1
Release Target: euterpe/verilog/bsrc/au
placement change to avoid toplevel collisions
revision 43.1
date: 1995/06/21 20:47:09; author: dickson; state: Exp; lines: +3 -3
releasebom: File needs to be up-to-date to use commit -r
______
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/au/Makefile,v
Working file: verilog/bsrc/au/Makefile
head: 1.11
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 11; selected revisions: 1
description:
-----
revision 1.11
date: 1995/06/21 20:46:23; author: dickson; state: Exp; lines: +5 -2
updated placement to avoid toplevel collisions
also disabled pifpak as cells were moving
unpredictably
______
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/au/auindx.pim,v
Working file: verilog/bsrc/au/auindx.pim
head: 12.11
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 11; selected revisions: 1
description:
revision 12.11
date: 1995/06/21 20:46:25; author: dickson; state: Exp; lines: +308 -308
updated placement to avoid toplevel collisions
also disabled pifpak as cells were moving
unpredictably
______
```

RCS file: /s6/cvsroot/euterpe/verilog/bsrc/ce/BOM,v

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```
Working file: verilog/bsrc/ce/BOM
head: 86.0
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 170; selected revisions: 2
description:
releasebom adding BOM
_____
revision 81.0
date: 1995/06/23 02:26:23; author: tbr; state: Exp; lines: +1 -1
Release Target: euterpe/verilog/bsrc
consolidate routing congestion changes. latest base files. stop after
linesearch
revision 80.1
date: 1995/06/23 02:26:16; author: tbr; state: Exp; lines: +4 -4
releasebom: File needs to be up-to-date to use commit -r
_____
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/ce/ce cms2ecl.V,v
Working file: verilog/bsrc/ce/ce cms2ecl.V
head: 2.24
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 24; selected revisions: 2
description:
revision 2.20
date: 1995/06/21 00:42:42; author: dickson; state: Exp; lines: +2 -2
bad index on addressvref signal
_____
revision 2.19
date: 1995/06/19 18:05:06; author: dickson; state: Exp; lines: +118 -116
added vref connections for address and write data from cp to cerberus.
this saves 98 wires between the top of cp to cerberus.
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/ce/cerberus.V,v
Working file: verilog/bsrc/ce/cerberus.V
head: 1.63
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 63; selected revisions: 1
description:
revision 1.55
date: 1995/06/19 18:05:08; author: dickson; state: Exp; lines: +8 -6
added vref connections for address and write data from cp to cerberus.
this saves 98 wires between the top of cp to cerberus.
______
```

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```
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/ce/cerbtest.V,v
Working file: verilog/bsrc/ce/cerbtest.V
head: 1.46
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 46; selected revisions: 1
description:
revision 1.42
date: 1995/06/19 18:05:11; author: dickson; state: Exp; lines: +5 -3
added vref connections for address and write data from cp to cerberus.
this saves 98 wires between the top of cp to cerberus.
______
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/cj/BOM,v
Working file: verilog/bsrc/cj/BOM
head: 122.0
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 259; selected revisions: 2
description:
_____
revision 121.0
date: 1995/06/23 02:26:53; author: tbr; state: Exp; lines: +1 -1
Release Target: euterpe/verilog/bsrc
consolidate routing congestion changes. latest base files. stop after
linesearch
revision 120.1
date: 1995/06/23 02:26:46; author: tbr; state: Exp; lines: +2 -1
releasebom: File needs to be up-to-date to use commit -r
______
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/cj/brxcdefer.tst,v
Working file: verilog/bsrc/cj/brxcdefer.tst
head: 120.2
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 2; selected revisions: 1
description:
revision 120.1
date: 1995/06/20 21:24:37; author: mws; state: Exp;
New br-detected deferred-to-trgt I prblm (also BHicMid) test.
Not quite right yet.
_____
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/cp/BOM,v
```

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Working file: verilog/bsrc/cp/BOM

```
head: 60.0
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 119; selected revisions: 2
description:
releasebom adding BOM
_____
revision 59.0
date: 1995/06/21 20:51:23; author: dickson; state: Exp; lines: +1 -1
Release Target: euterpe/verilog/bsrc/cp
placement change to avoid toplevel collisions
-----
revision 58.1
date: 1995/06/21 20:51:15; author: dickson; state: Exp; lines: +6 -6
releasebom: File needs to be up-to-date to use commit -r
_______
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/cp/cp.V,v
Working file: verilog/bsrc/cp/cp.V
head: 1.39
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 39; selected revisions: 1
description:
_____
revision 1.35
date: 1995/06/19 18:24:58; author: dickson; state: Exp; lines: +37 -7
single ended connections to cerberus and gt. saves 130 wires total.
placement changes are required but not checked int yet.
placement updates to follow sometime today.
______
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/cp/cph.pim,v
Working file: verilog/bsrc/cp/cph.pim
head: 41.8
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 8; selected revisions: 1
description:
_____
revision 41.8
date: 1995/06/21 20:50:31; author: dickson; state: Exp; lines: +9 -9
placement change to avoid toplevel collisions
                    _____
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/cp/cphh.pim,v
Working file: verilog/bsrc/cp/cphh.pim
head: 47.4
branch:
locks: strict
```

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```
access list:
keyword substitution: kv
total revisions: 4; selected revisions: 1
description:
revision 47.3
date: 1995/06/19 19:11:50; author: dickson; state: Exp; lines: +14 -0
added placement fixups for earlier conjestion fix.
single ended connection for snake return data path
from cp to qt. also single ended/vref change for
write data and address from cp to cerberus.
_______
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/cp/cpl.pim,v
Working file: verilog/bsrc/cp/cpl.pim
head: 41.7
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 7; selected revisions: 1
description:
revision 41.7
date: 1995/06/19 19:11:53; author: dickson; state: Exp; lines: +33 -0
added placement fixups for earlier conjestion fix.
single ended connection for snake return data path
from cp to gt. also single ended/vref change for
write data and address from cp to cerberus.
______
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/cp/power.tab.local,v
Working file: verilog/bsrc/cp/power.tab.local
head: 5.15
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 15; selected revisions: 1
description:
revision 5.15
date: 1995/06/19 21:53:50; author: dickson; state: Exp; lines: +34 -34
power level forces needed fortoday's earlier logic changes.
______
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/es/BOM,v
Working file: verilog/bsrc/es/BOM
head: 97.0
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 198; selected revisions: 2
description:
_____
revision 95.0
```

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```
date: 1995/06/21 17:22:25; author: dickson; state: Exp; lines: +1 -1
Release Target: euterpe/verilog/bsrc/es
eliminate 64 wires in conjested area
revision 94.1
date: 1995/06/21 17:22:18; author: dickson; state: Exp; lines: +5 -5
releasebom: File needs to be up-to-date to use commit -r
______
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/es/es.V,v
Working file: verilog/bsrc/es/es.V
head: 5.46
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 46; selected revisions: 1
description:
_____
revision 5.46
date: 1995/06/21 17:20:48; author: dickson; state: Exp; lines: +13 -3
elliminate 64 wires that cross from lower data path to lower
data path. had to add 64 buf 1's to accomplish this.
______
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/es/es.pim,v
Working file: verilog/bsrc/es/es.pim
head: 5.55
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 55; selected revisions: 1
description:
_____
revision 5.54
date: 1995/06/21 17:21:12; author: dickson; state: Exp; lines: +67 -3
elliminate 64 wires that cross from lower data path to lower
data path. had to add 64 buf 1's to accomplish this.
______
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/es/esaddbyt.V,v
Working file: verilog/bsrc/es/esaddbyt.V
head: 1.18
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 18; selected revisions: 1
description:
revision 1.17
date: 1995/06/21 17:21:23; author: dickson; state: Exp; lines: +2 -2
elliminate 64 wires that cross from lower data path to lower
data path. had to add 64 buf 1's to accomplish this.
______
```

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```
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/es/esaddbyta.V,v
Working file: verilog/bsrc/es/esaddbyta.V
head: 60.6
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 6; selected revisions: 1
description:
revision 60.5
date: 1995/06/21 17:21:25; author: dickson; state: Exp; lines: +2 -2
elliminate 64 wires that cross from lower data path to lower
data path. had to add 64 buf 1's to accomplish this.
______
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/gt/BOM,v
Working file: verilog/bsrc/gt/BOM
head: 98.0
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 194; selected revisions: 2
description:
releasebom adding BOM
_____
revision 97.0
date: 1995/06/23 02:28:49; author: tbr; state: Exp; lines: +1 -1
Release Target: euterpe/verilog/bsrc
consolidate routing congestion changes. latest base files. stop after
linesearch
revision 96.1
date: 1995/06/23 02:28:42; author: tbr; state: Exp; lines: +3 -3
releasebom: File needs to be up-to-date to use commit -r
______
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/gt/gt.V,v
Working file: verilog/bsrc/gt/gt.V
head: 2.28
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 28; selected revisions: 1
description:
revision 2.28
date: 1995/06/19 18:20:03; author: dickson; state: Exp; lines: +5 -4
single ended return snake bus path from cp
input [31:0] CEprbi; // from cerb
no placement necessary
______
```

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```
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/qt/gtsnake.V,v
Working file: verilog/bsrc/qt/qtsnake.V
head: 7.41
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 41; selected revisions: 2
description:
revision 7.41
date: 1995/06/19 23:21:30; author: dickson; state: Exp; lines: +5 -5
tried to single end input to dor2 and hooked a vref to a select input.
swapped order of two input pairs to get around this.
revision 7.40
date: 1995/06/19 18:26:34; author: dickson; state: Exp; lines: +8 -7
forgot this in my last checkin for single ending cp to gt
snake bus return data path.
______
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/hc/BOM,v
Working file: verilog/bsrc/hc/BOM
head: 125.0
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 250; selected revisions: 8
description:
releasebom adding BOM
_____
revision 115.0
date: 1995/06/22 18:56:34; author: dickson; state: Exp; lines: +1 -1
Release Target: euterpe/verilog/bsrc/hc
avoid toplevel collisions
------
revision 114.1
date: 1995/06/22 18:56:24; author: dickson; state: Exp; lines: +2 -2
releasebom: File needs to be up-to-date to use commit -r
revision 114.0
date: 1995/06/21 21:53:26; author: dickson; state: Exp; lines: +1 -1
Release Target: euterpe/verilog/bsrc/hc
placement change to avoid toplevel collisions
revision 113.1
date: 1995/06/21 21:53:17; author: dickson; state: Exp; lines: +2 -2
releasebom: File needs to be up-to-date to use commit -r
revision 113.0
date: 1995/06/20 22:08:08; author: woody; state: Exp; lines: +1 -1
Release Target: euterpe/verilog/bsrc/hc
```

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hc_brresp.pla, hc.h: Simplified event daemon prb processing since it was possible that the prb repsonse could be granted before ostate loaded the tag into the sid[7] tag register. This was noticed by standalone test gauntlet (CPUCLK=13, IOCLK=8). Saves ~70 hopper atoms (as reported by planet).

The result is that Event Daemon stores will take longer to release the nb entry. No placement change required.

Passed multiple standalone tests: gauntlet, termite, hexratio, evnt8 revision 112.1 date: 1995/06/20 22:08:00; author: woody; state: Exp; lines: +3 -3 releasebom: File needs to be up-to-date to use commit -r _____ revision 112.0 date: 1995/06/20 05:18:18; author: woody; state: Exp; lines: +1 -1 Release Target: euterpe/verilog/bsrc/hc Only allow tagen [7] when set is active to prevent writing event daemon tag with bogus value. Standalone test gauntlet detected problem. revision 111.1 date: 1995/06/20 05:18:11; author: woody; state: Exp; lines: +3 -3 releasebom: File needs to be up-to-date to use commit -r ______ RCS file: /s6/cvsroot/euterpe/verilog/bsrc/hc/hc.V,v Working file: verilog/bsrc/hc/hc.V head: 1.56 branch: locks: strict access list: keyword substitution: kv total revisions: 56; selected revisions: 1 description: _____ revision 1.54 date: 1995/06/20 05:05:26; author: woody; state: Exp; lines: +2 -2 Modified a comment. RCS file: /s6/cvsroot/euterpe/verilog/bsrc/hc/hc.h,v Working file: verilog/bsrc/hc/hc.h head: 3.15 branch: locks: strict access list: keyword substitution: kv total revisions: 15; selected revisions: 1 description: revision 3.15 date: 1995/06/20 21:56:21; author: woody; state: Exp; lines: +5 -7 hc brresp.pla, hc.h: Simplified event daemon prb processing since it was possible that the prb repsonse could be granted before ostate loaded the tag into the sid[7] tag register. This was noticed by standalone test gauntlet (CPUCLK=13, IOCLK=8). Saves ~70 hopper atoms (as reported by planet).

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No placement change required.

```
Passed multiple standalone tests: gauntlet, termite, hexratio, evnt8
______
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/hc/hc0 control.pim,v
Working file: verilog/bsrc/hc/hc0 control.pim
head: 73.25
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 25; selected revisions: 2
description:
revision 73.20
date: 1995/06/22 18:55:45; author: dickson; state: Exp; lines: +4 -7
avoid toplevel collisions
______
revision 73.19
date: 1995/06/21 21:52:25; author: dickson; state: Exp; lines: +11 -12
placement change to avoid toplevel collisions
______
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/hc/hc brresp.pla,v
Working file: verilog/bsrc/hc/hc brresp.pla
head: 65.3
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 3; selected revisions: 1
description:
_____
revision 65.2
date: 1995/06/20 21:56:23; author: woody; state: Exp; lines: +24 -14
hc brresp.pla, hc.h: Simplified event daemon prb processing since it was
possible that the prb repsonse could be granted before ostate loaded the tag
into the sid[7] tag register. This was noticed by standalone test gauntlet
(CPUCLK=13, IOCLK=8). Saves ~70 hopper atoms (as reported by planet).
No placement change required.
Passed multiple standalone tests: gauntlet, termite, hexratio, evnt8
______
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/hc/hc sid.Veqn,v
Working file: verilog/bsrc/hc/hc sid. Veqn
head: 3.13
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 13; selected revisions: 1
description:
_____
```

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```
revision 3.12
date: 1995/06/20 05:13:32; author: woody; state: Exp; lines: +2 -2
Only allow tagen [7] when set is active to prevent writing event daemon tag with
bogus value
______
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/rg/BOM,v
Working file: verilog/bsrc/rg/BOM
head: 136.0
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 297; selected revisions: 6
description:
revision 134.0
date: 1995/06/22 18:55:13; author: dickson; state: Exp; lines: +1 -1
Release Target: euterpe/verilog/bsrc/rg
avoid toplevel collisions
revision 133.1
date: 1995/06/22 18:55:03; author: dickson; state: Exp; lines: +2 -2
releasebom: File needs to be up-to-date to use commit -r
_____
revision 133.0
date: 1995/06/21 21:49:02; author: dickson; state: Exp; lines: +1 -1
Release Target: euterpe/verilog/bsrc/rg
placement change to avoid toplevel collisions
revision 132.1
date: 1995/06/21 21:48:53; author: dickson; state: Exp; lines: +2 -2
releasebom: File needs to be up-to-date to use commit -r
_____
revision 132.0
date: 1995/06/20 23:55:10; author: dickson; state: Exp; lines: +1 -1
Release Target: euterpe/verilog/bsrc/rg
move lower data path section to the right to make room for es growth
revision 131.1
date: 1995/06/20 23:55:00; author: dickson; state: Exp; lines: +2 -2
releasebom: File needs to be up-to-date to use commit -r
______
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/rg/rg.pim,v
Working file: verilog/bsrc/rg/rg.pim
head: 82.31
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 31; selected revisions: 3
description:
_____
```

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```
revision 82.29
date: 1995/06/22 18:54:22; author: dickson; state: Exp; lines: +1 -1
avoid toplevel collisions
revision 82,28
date: 1995/06/21 21:47:56; author: dickson; state: Exp; lines: +8 -8
placement change to avoid toplevel collisions
-----
revision 82.27
date: 1995/06/20 23:53:58; author: dickson; state: Exp; lines: +1 -1
moved lower data path section to the right of
clock spar to make rome for es growth.
_____
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/uu/BOM,v
Working file: verilog/bsrc/uu/BOM
head: 218.1
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 480; selected revisions: 2
description:
_____
revision 211.0
date: 1995/06/21 07:33:45; author: mws; state: Exp; lines: +1 -1
Release Target: euterpe/verilog/bsrc/uu
uu/uu.V: Single end many of the instU* and preemdInstU* busses on the bits
 already being forced fullswing by other logic or when halfswing loading
 seemed light enough to not make the power-up risk high. Rqstd by dickson.
 Explicitly called out vref Oph in some concatenations so that old .pim works.
-----
revision 210.1
date: 1995/06/21 07:33:36; author: mws; state: Exp; lines: +2 -2
releasebom: File needs to be up-to-date to use commit -r
______
RCS file: /s6/cvsroot/euterpe/verilog/bsrc/uu/uu.V,v
Working file: verilog/bsrc/uu/uu.V
head: 1.202
branch:
locks: strict
access list:
keyword substitution: kv
total revisions: 202; selected revisions: 1
description:
issue unit
-----
revision 1.197
date: 1995/06/21 07:32:27; author: mws; state: Exp; lines: +71 -35
uu/uu.V: Single end many of the instU* and preemdInstU* busses on the bits
 already being forced fullswing by other logic or when halfswing loading
 seemed light enough to not make the power-up risk high. Rqstd by dickson.
 Explicitly called out vref Oph in some concatenations so that old .pim works.
______
```

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